

### **Remarks/Arguments**

Claims 1-24 were in the application as filed. Applicants have amended claims 9 and 14-22, and cancelled claims 1-8 and 10-13. Applicants have added new claims 25-36. Upon entry of this amendment, claims 9 and 14-36 will be pending in this application.

Applicants initially note that the Examiner has stated that original claims 4 and 12 contain allowable subject matter, but has objected to these claims as being dependent on rejected base claims. Applicants would like to thank the Examiner for the willingness to move this application forward towards allowance.

The Examiner has objected to informalities in original claim 2. Claim 2 has been cancelled herein, rendering this objection moot.

The Examiner has rejected claims 1-3, 5-11, and 13-24 as unpatentable under one of 35 U.S.C. § 102(a), 35 U.S.C. § 102(e), or 35 U.S.C. § 103(a). The Examiner, as discussed above, has found claims 4 and 12 to be patentable if re-written in independent form. While not necessarily agreeing with the Examiner, Applicants have herein cancelled claims 1-8 and 10-13. Applicants note that original claims 4 and 12 were directed to embodiments of Applicants' invention in which the matching condition of the antenna system is changed based on varying feed points of a radiating element. Applicants have re-written independent claims 9, 17, and 21 to include recitations similar to originally allowable claims 4 and 12, and thus Applicants submit that independent claims 9, 17 and 21 are patentable for at least the same reasons original claims 4 and 12 were patentable. Applicants have additionally made minor amendments to dependent claims 14-16, 18-20, and 22 to make them consistent with the amended, independent claims they depend from. Since all of these dependent claims, as well as dependent claims 23 and 24 now depend from a claim commensurate with original claims 4 and 12, these dependent claims are patentable for at least the same reasons.

Applicants note that the Examiner originally rejected claims 5 and 13 under 35 U.S.C. § 102(a) as being anticipated by U.S. Published Patent Application 2003/0096583 to Watanabe ("Watanabe"). However, Applicants would like to respectfully point out that the switchable ground connection in their invention is substantially different than the switchable ground connections in Watanabe. The switchable ground connections in Watanabe provide part of the switching mechanism to selectively enable a matching element. The switchable ground



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connection according to Applicants' invention, by contrast, changes the response of the antenna system from that of an inverted-F antenna to that of a monopole antenna. New, independent claims 25, 29, and 33, while in part commensurate with original claims 5 and 13, also additionally recite a switch to ground the radiating element to achieve a "planar, inverted-F response" for the antenna system when the movable cover is in one position, and to disconnect ground from the radiating element to achieve a "monopole response" when the movable cover is in the other position. Support for this recitation can be found in Fig. 5 and in paragraph [0028] of the application. Applicants submit that at least this recitation patentably distinguishes these claims from Watanabe. All other new claims submitted herein are dependent from one of claims 25, 29, and 33, and therefore are patentable for at least this same reason.

Applicants submit that they have responded to all concerns raised by the Examiner. Reconsideration of the application as amended is hereby requested.

Respectfully submitted,

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